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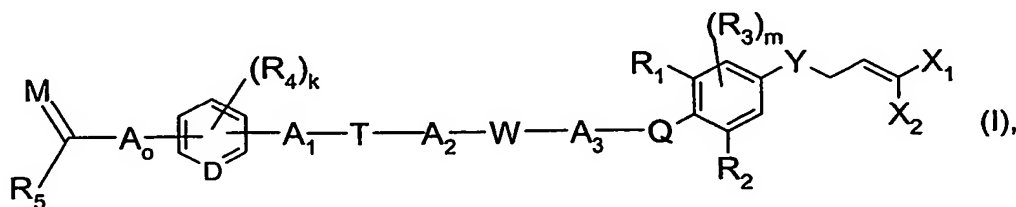
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(54) Title: PESTICIDALLY ACTIVE KETONE AND OXIME DERIVATIVES



(57) Abstract: Compounds of formula (I), wherein A₀, A₁, and A₂ are each independently of the others a bond or a C₁-C₆alkylene bridge; A₃ is a C₁-C₆alkylene bridge which is unsubstituted or substituted by from one to six identical or different substituents selected from halogen and C₃-C₈cycloalkyl; Y is, for example, O, S, SO or SO₂; M is O or NOR₆; X₁, and X₂ are each independently of the other fluorine, chlorine or bromine; R₁, R₂ and R₃ are, for example, H, halogen, OH, SH, CN, nitro, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkylcarbonyl, C₂-C₆alkenyl, C₂-C₆haloalkenyl or C₂-C₆alkynyl; Q is, for example, O, S, SO or SO₂; W is, for example, O, S, SO, SO₂, -C(=O)-O- or -O-C(=O)-; T is, for example, a bond, O, S, SO, SO₂, -C(=O)-O- or -O-C(=O)-; D is CH or N; R₄ is, for example, H, halogen, OH, SH, CN, nitro, C₁-C₆alkyl or C₁-C₆haloalkyl; R₅ is, for example, C₁-C₁₂alkyl, C₃-C₈cycloalkyl or -N(R₇)₂; R₇ is H, C₁-C₆alkyl, C₁-C₃haloalkyl, C₁-C₆alkylcarbonyl, C₁-C₃haloalkylcarbonyl, C₁-C₆alkoxycarbonyl, C₃-C₈cycloalkyl, C₃-C₈cycloalkylcarbonyl or formyl; k is 0, 1, 2, 3 or 4; m is 1 or 2; and q is 0, 1 or 2; and, where applicable, their possible E/Z isomers, E/Z isomeric mixtures and/or tautomers, in each case in free form or in salt form, a process for the preparation of those compounds and their use, pesticidal compositions in which the active ingredient has been selected from those compounds and agrochemically acceptable salts thereof, and a process for the preparation of those compositions and their use, to plant propagation material treated with those compositions, and a method of controlling pests.



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